

**DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled OPERATIONAL OPTIMIZATION OF A SHARED SECRET DIFFIE-HELLMAN KEY EXCHANGE AMONG BROADCAST OR MULTICAST GROUPS, the specification of which

☐ is attached hereto.

☒ was filed on September 10, 1999 as Application Serial No. 09/393,410 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**Prior Foreign Applications(s):**

Number	Country	Day/Month/Year filed	Priority Claimed
			<input type="checkbox"/>
			<input type="checkbox"/>

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below.

**Prior Provisional Application(s):**

Application Number	Filing Date
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I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

**Prior U.S. Application(s):**

Serial No.	Filing Date	Status: Patented, Pending, Abandoned
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

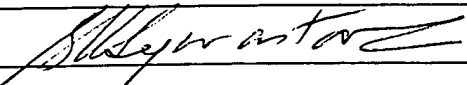
I hereby appoint the following attorney(s) and/or agent(s): Edward A. Becker, Reg. No. 37,777; Stephen A. Becker, Reg. No. 26,527; Marcel K. Bingham, Reg. No. 42,327; John G. Bisbikis, Reg. No. 37,095; Carl L. Brandt, Reg. No. P44,555; Kenneth L. Cage, Reg. No. 26,151; Stephen C. Carlson, Reg. No. 39,929; Thomas A. Corrado, Reg. No. 42,439; Paul Devinsky, Reg. No. 28,553; Laura A. Donnelly, Reg. No. 38,435; Margaret M. Duncan, Reg. No. 30,879; Brian E. Ferguson, Reg. No. 36,801; Michael F. Fogarty, Reg. No. 36,139; Wilhelm F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; John A. Hankins, Reg. No. 32,029; Brian D. Hickman, Reg. No. 35,894; Eric J. Kraus, Reg. No. 36,190; Edward E. Kubasiewicz, Reg. No. 30,020; Patrick B. Law, Reg. No. 41,549; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Christine F. Martin, Reg. No. 39,762; Michael A. Messina, Reg. No. 33,424; Eugene J. Molinelli, Reg. No. 42,901; Christopher J. Palermo, Reg. No. 42,056; Joseph H. Paquin, Jr., Reg. No. 31,647; Robert L. Price, Reg. No. 22,685; Gene Z. Rubinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; Michele M. Schafer, Reg. No. 34,717; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Leonid D. Thenor, Reg. No. 39,397; Keith J. Townsend, Reg. No. 40,358; Aaron Weisstuch, Reg. No. P41,557; Edward J. Wise, Reg. No. 34,523; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976, all of

MCDERMOTT, WILL & EMERY  
600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

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Full name of sole or first inventor: Sunil K. Srivastava

Inventor's signature: 

Date: 09/30/99

Residence: Fremont, CA

Citizenship: India

Post Office Address: 1206 Olive Avenue, Fremont, CA 94539

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IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Sunil K. SRIVASTAVA

Serial No.: 09/393,410

Examiner: LAFORGIA, CHRISTIAN A.

Filing Date: September 10, 1999

Group Art Unit: 2131

Title: OPERATIONAL OPTIMIZATION OF A SHARED SECRET DIFFIE-HELLMAN KEY EXCHANGE  
AMONG BROADCAST OR MULTICAST GROUPS

Mail Stop CPA  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

GRANT OF ASSOCIATE POWER OF ATTORNEY

Sir:

The undersigned attorney of record in the subject patent application also grants associate power of attorney to **Christian A. Nicholes, Reg. No. 50,266**, to prosecute this application and to transact all business in the Patent Office connected therewith.

"Express Mail" mailing label number EL558818295US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop CPA, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

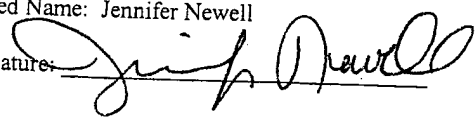
Respectfully submitted,

Hickman Palermo Truong & Becker, LLP

By   
Christopher J. Palermo

Date of deposit: October 3, 2003

Typed Name: Jennifer Newell

Signature: 

Attorney/Agent for Applicant(s)

Reg. No. 42,056

Date: October 2, 2003

Address: 1600 Willow Street

San Jose, California 95125-5106

Telephone No.: (408) 414-1080

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Group Art Unit No.: 2166

Sunil K. Srivastava

Serial No. 09/393,410

Examiner: Unassigned

Filed: 9/10/99

For: Operational Optimization of a Shared Secret Diffie-Hellman Key Exchange  
Among Broadcast or Multicast Groups

**REVOCATION AND NEW APPOINTMENT OF  
POWER OF ATTORNEY BY ASSIGNEE**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

The undersigned representative of Cisco Technology, Inc.

A corporation of the state of California having a principal place of business at

170 W. Tasman Drive San Jose, CA 95134-1706

owner by virtue of assignment of the above-identified patent application,  
hereby revokes any and all previous Powers of Attorney and appoints the following  
attorneys and/or agents to prosecute this application and transact all business in the  
U.S. Patent and Trademark Office connected therewith.

Name	Registration No.
Brian D. Hickman	35,894
Christopher J. Palermo	42,056
Bobby K. Truong	37,499
Edward A. Becker	37,777
Marcel K. Bingham	42,327
Carl L. Brandt	44,555
Carina M. Tan	45,769

of HICKMAN PALERMO  
TRUONG & BECKER LLP

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CERTIFICATION UNDER 37 C.F.R. 3.73(b)

I, the undersigned, certify that I am an individual empowered to act on behalf of

Cisco Technology, Inc.

a corporation, the assignee of the entire right, title and interest of the above -captioned patent by virtue of an assignment from the inventor(s) of said application.

I further certify that I have reviewed all the documents in the chain of title of the patent identified above, that the Assignment has been recorded in the U.S. Patent and Trademark Office at reel no. 010313 frame 0557, that I have reviewed the Assignment recorded at said reel and frame, and that to the best of my knowledge and belief title is in the above-noted assignee.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 or Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Cisco Technology, Inc.

NOV 21 2000

Dated: \_\_\_\_\_

By:  \_\_\_\_\_

Title: World Wide Patent Counsel